

ABSTRACT

Methods and apparatus implementing and using techniques for rendering a stroke (e.g., a line or glyph). An initial adjustment value can be calculated for the stroke, and an offset amount calculated based on the initial adjustment value, such that a minimum number
5 of device pixels will be marked by the stroke after adjusting density values of device pixels representing the stroke. A high resolution representation of the stroke (e.g., a set of device pixels each having an initial density value) is rendered so that one or more edges of the stroke is offset from a device resolution grid by the offset amount. A length of an edge of the stroke that passes through a device pixel can be calculated, and the density value of the
10 device pixel adjusted by a final adjustment value based on the initial adjustment value and the length of the edge of the stroke.

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